## The Commonwealth Forestry Review



## **INDEX**

Volume 76, 1997

## PUBLISHED BY THE COMMONWEALTH FORESTRY ASSOCIATION, c/o OXFORD FORESTRY INSTITUTE SOUTH PARKS ROAD, OXFORD OX1 3RB

PAPERS		Forestry certification: a developing world viewpoint M. CHIHAMBAKWE, R. MUPUDZI	191
Boycotts in conflicts over forestry issues:	18	and P.T. MUSHOVE	
the case of Clayoquot Sound		E l C l de als ef development	179
W.T. STANBURY and I. VERTINSKY		Funder or founder: the role of development agencies in shared forest management	179
Canada's Model Forest Program: a participatory	261	P. BIRD	
approach to sustainable forest management in			
Canada		Growth and yield of neem (Azadirachta	103
J. HALL		indica A.Juss) plantations in Northern Ghana	
		D.M. NANANG, R.J. DAY and J.N. AMALIGO	
Dealing with conflict: natural resources and	182		
dispute resolution		Indigenous knowledge, biodiversity and	53
R.D. AYLING and K. KELLY		international rights: a case study	
K.D. ATEING and K. KEEE!		D. POSEY	
Davidoning forget policy in the UK	5		
Developing forest policy in the UK		International development assistance in forestry	61
D.S. GRUNDY		and land management: the process and the players	
Total Carlo and mothod of	114	N. BYRON	
Effect of log formula, log length and method of	114	II. DIROIT	
measurement on the accuracy of volume estimates		Issues in using valuation techniques	194
for three tropical timber species in Cameroon		cross-culturally: three cases in Zimbabwe using	
J.N. FONWEBAN		contingent valuation, observed behaviour and	
Market and the Control of the Contro	260	derived demand techniques	
Effects of accidental and prescribed fires on	268	W. ADAMOWICZ, M. LUCKERT	
miombo woodland, Zambia			
E. CHIDUMAYO		and M. VEEMAN	
And the second of the second o		the Craire Ponce	171
Fire protection and industrial plantation	203	Joint forestry management – the Gwira-Banso	1/1
management in the tropics		experience	
B H SAHARJO		E.A. PRAH	

Long-term growth and rainfall in a Ugandan moist forest: seasonal rhythms and flexing stems D. SHEIL	121	The use of socio-economic data in conservation management planning: a case study from Danau Sentarum Wildlife Reserve, West Kalimantan, Indonesia	239
Managing a tropical rain forest for timber, carbon storage and tree diversity	246	A. WHITEMAN and J. AGLIONBY	
M. BOSCOLO and J. BUONGIORNO		Trees in Bangadesh paddy fields and homesteads D. HOCKING, A. HOCKING and I. ROY	255
Models as tools for forest management planning T.E. BURK and H. HOGANSON	11	Trees on the farm and people in the forest: social science perspectives in tropical	47
Monitoring of timber harvesting operations: experience with the development of an audit procedure in Guyana	264	forestry G. SHEPHERD	
S. HIGMAN and C. TURNBULL		United States forests and timber supplies in the 21st century	25
Official development aid policies and sustainable utilisation of forest resources in developing countries	91	F. KAISER	
L. ROCHE		Valuing the products and services of mangrove restoration	198
Pines: growing commodities or designer trees R.L. DICKSON and J.C.F. WALKER	273	W.N. ADGER, P.M. KELLY and N.H. TRI	
Policies affecting forests and people: ten elements that work	186	Volume increment of natural moist tropical forest in Nigeria R.G. LOWE	107
S. BASS, J. MAYERS, J. AHMED, C. FILER, A. KHARE, N. A. KOTEY, C. NHIRA		K.U. LUWE	
and V. WATSON		RESEARCH NOTE	
Reconciling genetic conservation and local needs in the dry zone of Central America A. J. BARRANCE	98	Basic density and its variation in <i>Brachylaena</i> huillensis found in Tanzania R.C. ISHENGOMA, P.R. GILLAH and H.R. NGUNYALI	280
Studies of <i>Camellia grijsii</i> Hance Y. WENG	132		
Technologies for sustainable forest management:	162	AUTHORS OF PAPERS AND RESEARCH NOTE	
challenges for the 21st century J.A. SAYER, J.K. VANCLAY and N. BYRON		ADAMOWICZ, W., LUCKERT, M. and VEEMAN, M. Issues in using valuation techniques	194
The effect of fire on the germination of <i>Acacia mangium</i> in a plantation in South Sumatra, Indonesia B.H. SAHARJO and H. WATANABE	128	cross-culturally: three cases in Zimbabwe using contingent valuation, observed behaviour and derived demand techniques	
The influence of history in African forest policies:	43	ADGER, W.N., KELLY, P.M. and TRI, N.H. Valuing the products and services of mangrove	198
a comparison between Anglophone and Francophone countries G. BUTTOUD		restoration AGLIONBY, J. see WHITEMAN, A.	
The outlook for demand and supply of wood:	31	AHMED, J. see BASS, S.	
implications for policy and sustainable management D.J. BROOKS		AMALIGO, J.N. see NANANG, D.M.	
The role of the forest industry in rural development and land reform on South Africa J.M. CLARKE and T.J. FOY	175	AYLING, R.D. and KELLY, K. Dealing with conflict: natural resources and dispute resolution	182
The socio-economic structure of small-scale forest ownership in Sweden T. TÖRNQVIST	37	BARRANCE, A.J. Reconciling genetic conservation and local needs in the dry zone of Central America	98

KHARE, A., KOTEY, N. A., NHIRA, C. and	186	GRUNDY, D.S.	5
WATSON, V.		Developing forest policy in the UK	
Policies affecting forests and people: ten elements		HALL, J.	261
that work		Canada's Model Forest Program: a participatory	201
the last the continue of the property to a		approach to sustainable forest management	
BIRD, P.	179	in Canada	
Funder or founder: the role of development agencies			
in shared forest management		HIGMAN, S. and TURNBULL, C.	264
BOSCOLO, M. and BUONGIORNO, J.	246	Monitoring of timber harvesting operations:	
Managing a tropical rain forest for timber, carbon	240	experience with the development of an audit procedure in Guyana	
storage and tree diversity		procedure in Guyana	
		HOCKING, A. see HOCKING, D.	
BROOKS, D.J.	31		
The outlook for demand and supply of wood:		HOCKING, D., HOCKING, A. and ROY, I.	255
implications for policy and sustainable management		Trees in Bangladesh paddy fields and homesteads	
PHONGIOPNO I POSCOLO M		HOCANGON II DANN TE	
BUONGIORNO, J. see BOSCOLO, M.		HOGANSON, H. see BURK, T.E.	
BURK, T.E. and HOGANSON, H.	11	ISHENGOMA, R.C., GILLAH, P.R. and	280
Models as tools for forest management planning		NGUNYALI, H.R.	
		Basic density and its variation in Brachylaena	
BUTTOUD, G.	43	huillensis found in Tanzania	
The influence of history in African forest policies:		VAICED E	25
a comparison between Anglophone and Francophone countries		KAISER, F. United States forests and timber supplies in the	25
countries		21st century	
BYRON, N.	61		
International development assistance in forestry and		KELLY, K. see AYLING, R.D.	
land management: the process and the players			
		KELLY, P.M. see ADGER, W.N	
BYRON, N. see SAYER, J.A.		VIIADE A coo DACC C	
CHIDUMAYO, E.	268	KHARE, A. see BASS, S.	
Effects of accidental and prescribed fires on	200	KOTEY, N. see A. BASS, S.	
miombo woodland, Zambia			
		LOWE, R.G.	107
CHIHAMBAKWE, M., MUPUDZI, R.	191	Volume increment of natural moist tropical	
and MUSHOVE, P.T.		forest in Nigeria	
Forestry certification: a developing world viewpoint		LUCKERT, M. see ADAMOWICZ, W.	
CLARKE IM and EOV TI	175	LUCKERI, M. See ADAMOWICZ, W.	
CLARKE, J.M. and FOY, T.J.  The role of the forest industry in rural development	175	MAYERS, J. see BASS, S.	
and land reform on South Africa			
		MUPUDZI, R. see CHIHAMBAKWE, M.	
DAY, R.J. see NANANG, D.M.			
		MUSHOVE, P.T. see CHIHAMBAKWE, M.	
DICKSON, R.L. and WALKER, J.C.F.	273	NAMANG DM DAY DI and	103
Pines: growing commodities or designer trees		NANANG, D.M., DAY, R.J. and AMALIGO, J.N.	103
EHED C and DACC C		Growth and yield of neem plantations in	
FILER, C. see BASS, S.		Northern Ghana (Azadirachta indica A.Juss)	
FONWEBAN, J.N.	114		
Effect of log formula, log length and method of		NGUNYALI, H.R. see ISHENGOMA, R.C.	
measurement on the accuracy of volume estimates		the second of the second of the second	
for three tropical timber species in Cameroon		NHIRA, C. see BASS, S	
(a) the second s		DOSEV D	53
FOY, T.J. see CLARKE, J.M.		POSEY, D. Indigenous knowledge, biodiversity and internations	
GILLAH, P.R. see ISHENGOMA, R.C.		rights: a case study	
UILLAH, F.K. SCCISILLIVOOWA, K.C.			

PRAH, E.A.	171	COMMENT	
Joint forestry management – the Gwira-Banso experience		Dynamic tropical forestry in an unstable world	203
	0.1	P. STOTT	
ROCHE, L.	91	The big and vicious ENSO-forest fire cycle:	283
Official development aid policies and sustainable utilisation of forest resources in developing countries		an acute threat to sustainability  E.F. BRUENIG	H 714 H
ROY, I. see HOCKING, D.			
D1 11 11 11 0 , 2 11 11 11 11 11 11 11 11 11 11 11 11 1	128	LETTERS TO THE EDITOR	
The effect of fire on the germination of Acacia		LIHIDCON	76
mangium in a plantation in South Sumatra, Indonesia		J. HUDSON B.L. DAS	149
SAHARJO, B.H.	203	D.L. DAS	
Fire protection and industrial plantation management	200	EDITORIALS	1
in the tropics			161
			237
	162		
Technologies for sustainable forest management: challenges for the 21st century		REPORTS OF MEETINGS	
chanenges for the 21st century		REPORTS OF MEETINGS	
SHEIL, D.	121	15th Commonwealth Forestry Conference	151
Long-term growth and rainfall in a Ugandan			7.00
moist forest: seasonal rhythms and flexing stems		75th anniversary dinner, Canberra, Australia	80
SHEPHERD, G.	47	Acceptance of Queen's Award to Dr J. Vanclay	231
Trees on the farm and people in the forest: social	, ,	receptance of Queen stimula to 21 th vanietaly	201
science perspectives in tropical forestry		Australian policy discussions	231,304
STANBURY, W.T. and VERTINSKY, I.	18	CFA meeting at the World Forestry Congress	
Boycotts in conflicts over forestry issues:	10	Antalya, Turkey, 13-23 October 1997	303
the case of Clayoquot Sound			
TÖDNOVICT T	27	CFA workshop, 17 May 1997	302
TÖRNQVIST, T. The socio-economic structure of small-scale	37	CFA/CIDA Sponsorship at the 15th	300
forest ownership in Sweden		Commonwealth Forestry Conference,	300
		Zimbabwe, 12-17 May	
TRI, N.H. see ADGER, W.N.		A A S S S S A S A S A S A S A S A S A S	
TURNBULL, C. see HIGMAN, S.		Chairman's Annual Report for 1996	232
TORNADOLL, C. SECTIOMAN, S.		Change of address	305
VANCLAY, J.K. see SAYER, J.A.		17 70-11-21	303
		Fellows of the Association	232
VEEMAN, M. see ADAMOWICZ, W.		Fouthousing Manuelatter	200
VERTINSKY, I. see STANBURY, W.T.		Forthcoming Newsletter	300
		Joint CFA/Tropical Agriculture Association	303
WALKER, J.C.F. see DICKSON, R.L.		Workshop, 20-21 September 1997	
WATANABE, H. see SAHARJO, B.H.		Joint meeting of Governing Council of the	230
		Association and 75th Annual General Meeting	250
WATSON, V. see BASS, S.			
WENG, Y.	132	News from Branches	151
Studies of Camellia grijsii Hance	132	Notice of Annual General Meeting	86
			00
	239	Royal Scottish Forestry Society Annual Spring	86
The use of socio-economic data in conservation management planning: a case study from Danau		excursion	
Sentarum Wildlife Reserve, West Kalimantan,		The Association's 75th anniversary dinner,	80
Indonesia		Edinburgh	80

OBITUARIES		Counsell, S. (ed.)	212
		The good wood guide	212
M. Abrahams	85	J.D. BRAZIER	
C. Duff	84		
W.R. Evans	305	DIPPER, S. (ed.)	286
Andrew Kirkland	152	Silviculture in the tropical rain forest: an	200
		historical analysis of success and failure –	
		annotated abstracts.	
NEWS OF MEMBERS	152	A.J. GRAYSON	
	231	Alb. State Soft	
	304	Drengson, A.R. and Taylor, D.M. (eds.)	286
Handbook Supplement	81	Ecoforestry. The art and science of sustainable	200
New Members 1996		forest use	
		G.F. PETERKEN	
		G.I. I BIERREIY	
CORRESPONDENCE		Dykstra, D., Kowero, G.S., Ofusu-Asiedu,	137
		ALBERT and Kio, Philip	157
Participatory management	76	Promoting stewardship of forestsin the humid forest	
a desipatory management	70		
		zone of anglophone West and Central Africa	
BOOK REVIEWS		M.S. PHILIP	
BOOK REVIEWS		E. T. D. Cook C. H. D.	212
BARADAT, Ph., ADAMS, W.T. and	212	FAETH, P., CORT, C. and LIVERNASH, R.	213
Muller-Stark, G. (eds.)	212	Evaluating the carbon sequestration benefits	
		in developing countries	
Population genetics and genetic conservation		P.A.WARDLE	
of forest trees.		F1.0	210
J. BURLEY		FAO	210
	200	The state of the world's forests	
BARNES, R.D., FILER, D.L. and MILTON, S.J.	290	M. GRUT	
Acacia karroo			
S.H. MANTELL		FERGUSON, I.S.	72
		Sustainable forest management	
Воотн, Т.Н. (еd.)	142	R. RICKMAN	
Matching trees and sites			
F.B. THOMPSON		GRIEG-GRAN, M. (ed.)	68
		Towards a sustainable paper cycle	
Brown, K. and Pearce, D.W. (eds.)	211	P.A. WARDLE	
The causes of tropical deforestation: the			
ecomomic and statistical analysis of factors		Humphreys, D.	74
giving rise to the loss of the tropical forests.		Forest politics: the evolution of international	
J.E.M. ARNOLD		cooperation	
		T.J. PECK	
CAMPBELL, B. (ed.)	139		
The miombo in transition: woodlands and		Kaimowitz, D.	211
welfare in Africa		Livestock and deforestation in Central America	
P.G. ADLARD		in the 1980s and 1990s: a policy perspective	
		J.C. BURGESS	
CARRERE, R. and LOHMANN, L.	69		
Pulping the South: industrial tree plantations		Kolk, A.	72
and the world paper economy		Forests in international environmental politics:	
J. HEUCH		international organisations, NGOs and the	
		Brazilian Amazon	
CIESLA, W.M., DIEKMANN, M. and	143	M. GRUT	
PUTTER, C.A.J. (eds.)			
Eucalyptus pests and diseases		LEACH, M. and MEARNS, P.	37
M. IVORY		The lie of the land: challenging received wisdom on	
The state of the s		the African environment	
CIFOR 1996 Annual Report	215	W.D. HAWTHORNE	
H. WRIGHT			
II. WAIGIII		MAYERS, J. and KOTEY, N.A.	73
Conseil de la recherche forestière du Québec (CR	FO) 214	Local institutions and adaptive forest management	
Towards a forest research management model		in Ghana	
		M. GRUT	
T.C. BOOTH			5

Morris, J.M.	287	Tan, L.C. (ed.)	135
Earth roads: a practical manual for the provision of		Initiatives on assessing sustainability:	
access for agriculture and forestry projects in		status and future directions	
developing countries		P.D. LOWE	
P.J. WOOD			
1.3. 11000		THIES, E.	288
Noda, N. and Ferguson, I.	286	Principaux ligneux (agro-) forestiers de la Guinée	
Sustainable tree-growing in a drought-prone area	200	W. HAWTHORNE	
		W. III W III OX	
of Kenya: a case study of Kwavonza		UN ECE/FAO	71
P.J. WOOD		European timber trends and prospects:	
	207		
PANDEY, D.	287	into the 21st century	
Forest resources assessment 1990:		A. WHITEMAN	
tropical plantation resources		h D W	140
P.G. ADLARD		VAN ASSEN, B.W.	140
		Community-based sustainable timber production	
Prabhu, R., Colfer, C.J.P., Venkateswaru, P.,	135	in the Tropics: a preliminary survey of experiences	
Tan, L.C., Soekmadi, R. and Wollenberg, E.		and issues	
Testing criteria and indicators for sustainable		J.H. SANDOM	
management of forests: phase I, final report			
P.D. LOWE		Webber, J. and Gibbs, J. (eds.)	142
		Water storage of timber: experience in Britain	
Prah, E.A.	134	J.D. BRAZIER	
Sustainable management of the tropical high			
forest of Ghana			
M. GRUT		NOTICES	
		And the second will	
PROSPECT: the wood data base, version 2.1	141	DEPARTMENT OF FORESTRY, MALAWI	216
R.J. COOPER		Forestry extension kit for field workers in	
K.J. COOLEK		Malawi	
RAYCHAUDHURI, S.P. and MARAMOROSCH, K.	213	B. VOYSEY	
Forest trees and palms – diseases and control	213	B. (013E1	
J.N. GIBBS		Dodds, F. (ed.)	216
J.N. OIDDS			210
Ruiz-Peréz, M. and Arnold, J.E.M.	1.40	The way forward:beyond Agenda 21	
	140	Europe C and Europe C	201
Current issues in non-timber product research		FUJISAKA, S. and ESCOBAR, G.	291
K. BROWN		Towards a practical classification of	
C II IZ	127	slash-and-burn agricultural systems	
SEIP, H.K.	137	Q	
Forestry for human development		GÉRARD, J., MILLER, R.B. and WELLE, B.J.H.	143
A.J. GRAYSON		Major timber trees of Guyana. Timber	
		characteristics and utilization	
Sizer, N. and Rice, R.	134	V. BURCLAFF	
Backs to the wall in Suriname: forest policy in a			
country in crisis		GORDON, S. and TUNSTALL, D.B.	75
SIZER, N.		World directory of country environmental	
Profit without plunder: reaping revenue from		studies	
Guyana's tropical forest			
P.A. WARDLE		HARRIS, E.H.M. and HARRIS, J.	291
		Wildlife conservation in managed	11
SOLBERG, B., BROOKS, D., PAJUOJA, H., PECK, T.J.	70	woodlands and forests	
and WARDLE, P.A.		V.A. HAMMOND	
Long term trends and prospects in world supply		THE PERSON NAMED IN	
and demand for wood and implications for		KALKMAN, C., KIRKUP, D.W., NOOTEBOOM, H.P.,	144
sustainable forest manage: a synthesis		STEVENS, P.F. and DE WILDE, W.J.J.O.	144
F. HUMMEL		Flora of Malesia	
		S.A. HARRIS	
STEWART, J.R., ALLISON, G.E. and	288	D.A. HARRING	
Simons, A.J. (eds.)	200	MEHEDININ G. W.	
Gliricidia sepium: genetic resources for farmers		MEHERINK, G.W.	291
S.H. MANTELL		Incentives for tree growing and managing	
S.II. WITH VIELE		forest sustainably	

POLHILL, R.M. (ed.) Flora of tropical East Africa	143	Combretastatin A4	147
S.A. HARRIS SRIVASTAVA, J.P.L. and KAUL, R.N.	144	Deer hunting ban on National Trust land in England	146
Fuelwood crisis in the Aravallis: need for production and conservation J.F. REDHEAD		Department for International Development: forestry research programme	220
Steege, H.ter, et al.	215	DFID forestry strategy	293
Ecology and logging in a tropical rain forest in Guyana, with recommendations for		Extension	147
management N. BROWN		IPF and CSD: Rio five years on	145
Wass, P.	216	IUFRO Task Force on sustainable forestry	293
Kenya's indigenous forest: status management and conservation M.GRUT		New Zealand's Forest Research Institute celebrates 50 years – April 1997	146
		Oxford forestry library at risk	294
AROUND THE WORLD		The Intergovernmental Forum on Forests	292
Alice Holt Golden Jubilee: speeches of Forestry Commission Chairman and	220	The Rainforest Foundation	295
Chief Executive, Forest Research		The XIth World Forestry Congress	292
British Prime Minister's address to Special Session of the United Nations General	217	Tropenbos	145
Assembly, June 23, 1997		United Nations decision on international action concerning forests	218
Certification in Sweden	294	15th Commonwealth Forestry Conference	218

295

recommendations

Chinese forestry history

the state of the last of the l